

A B S T R A C T

Novel substituted type peptides of WT1 wherein the cysteine residue is substituted with a defined amino acid residue,
5 polynucleotides encoding said peptides, cancer vaccines using those peptides or polynucleotides *in vivo* or *in vitro*, or the like are provided.

Peptides which comprise an amino acid sequence of the formula: X-Y-Thr-Trp-Asn-Gln-Met-Asn-Leu (SEQ ID NO: 4) wherein X represents Ser, Ala, Abu, Arg, Lys, Orn, Cit, Leu, Phe, or Asn, and Y
10 represents Tyr or Met, and which has an activity to induce CTLs, polynucleotides encoding said peptides, cancer vaccines which comprise those peptides or polynucleotides as an active ingredient, and the like are disclosed.